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10/532280

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Jörg HARREN, et al.

Serial No.: 10/532,280

Filing Date: April 21, 2005

Confirmation No.: 8522

International Application No. PCT/EP2003/011828

Art Unit: 2831

Examiner: Unknown

For: **ABSORBENT POLYMER STRUCTURE WITH IMPROVED  
RETENTION CAPACITY AND PERMEABILITY**

Mail Stop Amendment  
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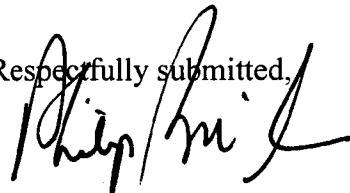
Sir:

**INFORMATION DISCLOSURE STATEMENT**

In accordance with 37 C.F.R. § 1.56, counsel wishes to make of record certain items of information for the Examiner's consideration in connection with this application. Enclosed is form PTO/SB/08 for the Examiner's convenience in making such consideration of record. Inclusion herein of any particular item of information is not to be construed as an admission that same is prior art.

**The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account No. 502190.**

Respectfully submitted,



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Date: August 19, 2005

File No.: 5003073.061US1

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 2

**Complete if Known**

Application Number	10/532,280
Filing Date	April 21, 2005
First Named Inventor	Jörg HARREN, et al.
Art Unit	2831
Examiner Name	Unknown
Attorney Docket Number	5003073-061US1

**U.S. PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
/LK/	a	US-2002/0128396 A1	09-12-2002	Sackmann, et al.	
	b	US-2003/0157318 A1	08-21-2003	Brehm, et al.	
	c	US-4,535,098	08-13-1985	Evani, et al.	
	d	US-4,587,308	05-06-1986	Makita, et al.	
	e	US-4,734,478	03-29-1988	Tsubakimoto, et al.	
	f	US-5,092,933	03-03-1992	Okamoto, et al.	
	g	US-5,140,076	08-18-1992	Hatsuda, et al.	
	h	US-5,147,921	09-15-1992	Mallo	
	i	US-5,164,428	11-17-1992	Okamoto, et al.	
	j	US-5,229,488	07-20-1993	Nagasuna, et al.	
	k	US-5,326,819	07-05-1994	Kanbayashi, et al.	
	l	US-5,837,789	11-17-1998	Stockhausen, et al.	
	m	US-5,843,575	12-01-1998	Wang, et al.	
	n	US-5,849,405	12-15-1998	Wang, et al.	
	o	US-5,851,672	12-22-1998	Wang, et al.	
	p	US-5,858,535	01-12-1999	Wang, et al.	
	q	US-6,056,854	05-02-2000	Woodrum	
	r	US-6,099,950	08-08-2000	Wang, et al.	
/LK/	s	US-6,232,520 B1	05-15-2001	Hird, et al.	
/LK/	t	US-6,288,158 B1	09-11-2001	Schapowalov, et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)			
/LK/	u	DE 3503458 C2	08-08-1985	Makita	d
	v	DE 3523617 A	01-23-1986	Tsubakimoto	e
	w	DE 19646484	05-22-1997	Stockhausen	l
	x	DE 19805447 A1	08-12-1999	Schapowalov	t
	y	DE 19854575 A1	05-31-2000	Thomas	
	z	DE 68927772 T2	07-31-1997	Kanbayashi	f, i, k
	aa	DE 69030971 T2	12-11-1997	Nagasuna	j
	bb	EP 0450922 A	10-09-1991	Hatsuda	See English Abstract
/LK/	cc	EP 0450923 A	10-09-1991	Hatsuda	See English Abstract & g

Examiner  
Signature

/Leszek Kiliman/

Date

Considered

08/02/2009

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Sheet 2 of 2

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		US-			
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/LK/	dd	EP 1211266	06-05-2002	Sackmann	a
/LK/	ee	JP 1994-16822	08-22-1995	Takao	See English Abstract
/LK/	ff	WO 95/22356	08-24-1995	Wang	See English Abstract & m, n, o, p, r
/LK/	gg	WO 99/49905	10-07-1999	Woodrum	See English Abstract & q
/LK/	hh	WO 01/13841	03-01-2001	Brehm	b

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
/LK/	ii	International Preliminary Examination Report completed on 16 July 2004 in connection with PCT/EP2003/011828.	

Examiner Signature	/Leszek Kiliman/	Date Considered	08/02/2009
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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